

**Bibliographic Information**

**Liquid crystal polyacrylates and polymethacrylates containing cyanodiphenyl groups showing orientation activity in an electric field.** Kostromin, S. G.; Shibaev, V. P.; Plate, N. A. (Moscow State University, USSR). U.S.S.R. (1981). CODEN: URXXAF SU 887574 A1 19811207 Patent written in Russian. Application: SU 80-2894400 19800318. CAN 96:123713 AN 1982:123713 CAPLUS (Copyright 2002 ACS)

**Patent Family Information**

| <u>Patent No.</u> | <u>Kind</u> | <u>Date</u> | <u>Application No.</u> | <u>Date</u> |
|-------------------|-------------|-------------|------------------------|-------------|
| SU 887574         | A1          | 19811207    | SU 1980-2894400        | 19800318    |

**Abstract**

Liq. crystals having the formula  $(CH_2CRR_1)_m$ , where R = H, Me; R<sub>1</sub> = C(:O)O(CH<sub>2</sub>)<sub>n</sub>Z-p-C<sub>6</sub>H<sub>4</sub>-p'-C<sub>6</sub>H<sub>4</sub>CN (n = 2-11; Z = O, CH<sub>2</sub>, CO<sub>2</sub>) have viscosities of 0.06-0.30 (THF at 30°) and orient easily in elec. fields.